Name of Work: Improvements to roads and drains at Westernside of R K Hegdenagara cross road and surrounding Areas in Ward No.06

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications								
	Vide Premeasurement page no.					2487.40			
	Present Qty					**2487.40**	**Cum**	**226.00**	**562154.86**
2	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates@ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing								
	Vide Premeasurement page no.					1386.98			
	Present Qty					**1386.98**			
	Upto 125%					**1356.19**	**Cum**	**5691.91**	**7719298.03**
	Above 125%					**30.79**	**Cum**	**5691.91**	**175275.98**
3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69								
	Vide Premeasurement page no.					722.47			
	Present Qty					**722.47**	**Cum**	**7422.30**	**5362385.49**
4	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with								
	Vide Premeasurement page no.					44.48			
	Present Qty					**44.48**	**Tn**	**77677.05**	**3455078.33**
5	KSRRB M300-24. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location								
	Vide Premeasurement page no.					5473.64			
	Present Qty					**5473.64**	**Cum**		
	Upto 125%					**4534.03**	**Cum**	**67.12**	**304342.86**
	Above 125%					**939.61**	**Cum**	**67.12**	**63070.73**
6	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on								
	Vide Premeasurement page no.					2285.58			
	Present Qty					**2285.58**	**Cum**		
	Upto 125%					**2100.23**	**Cum**	**2094.27**	**4398431.94**
	Above 125%					**185.36**	**Cum**	**2094.27**	**388184.43**
7	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers								
	Vide Premeasurement page no.					1993.45			
	Present Qty					**1993.45**	**Cum**	**2100.94**	**4188116.72**
8	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.								
	Vide Premeasurement page no.					8859.76			
	Present Qty					**8859.76**	**Sqm**	**31.16**	**276052.89**

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
11	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per								
	Vide Premeasurement page no.					9104.63			
					Present Qty	**9104.63**	**Sqm**	**13.35**	**121578.31**
12	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth								
	Vide Premeasurement page no.					455.98			
					Present Qty	**455.98**	**Cum**	**6726.80**	**3067298.77**
E1	KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM								
	Vide Premeasurement page no.					42.88			
					Present Qty	**42.88**	**Sqm**	**1028.20**	**44089.22**

Contractor

NEWZEN CONSULTANT ★ Consultant ★ Bangalore

Assistant Engineer
3/9/21

Asst. Executive Engineer
3/9/2021

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Name Of Work:Improvements and Developments to Shivanahalli village surrounding area in Ward No.01 Yelahanka Constituency

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
5	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting , including form work, cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete.								
	CC Drain Covering Slab								
	Millinium School Beside Rd								
	RHS								
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch: 30.00m to 60.00m	1	30.00	0.90		27.00			
	Ch: 60.00m to 90.00m	1	30.00	0.90		27.00			
	Ch: 90.00m to 109.50m	1	19.50	0.90		17.55			
	House Gap		9.20						
	Ch: 109.50m to 139.50m	1	30.00	0.90		27.00			
	Ch: 139.50m to 169.50m	1	30.00	0.90		27.00			
	Ch: 169.50m to 178.00m	1	8.50	0.90		7.65			
	Gap								
	Ch: 178.00m to 208.00m	1	30.00	0.90		27.00			
	Ch: 208.00m to 212.20m	1	4.20	0.90		3.78			
	Matru Layout								
	1st Cross Rd								
	LHS								
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch: 30.00m to 60.00m	1	30.00	0.90		27.00			
	Ch: 60.00m to 80.00m	1	20.00	0.90		18.00			
	RHS From End								
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch: 30.00m to 60.00m	1	30.00	0.90		27.00			
	Ch: 60.00m to 80.00m	1	20.00	0.90		18.00			
	2nd Cross Rd								
	LHS								
	Ch: 0.00m to 27.00m	1	27.00	0.90		24.30			
	Culvert		7.60						
	Ch: 27.00m to 57.00m	1	1.20	0.90		1.08			
	Ch: 57.00m to 80.60m		8.40						
	Ch: 21.60m to 51.60m	1	30.00	0.90		27.00			
	Ch: 51.60m to 65.60m	1	14.00	0.90		12.60			
	RHS								

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Asst. Engineer 3/9/2021

Asst. Exec. Engineer 3/9/2021

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Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Ch: 0.00m to 21.90m	1	21.90	0.90		19.71			
Ch: 21.90m to 28.10m		6.20						
Ch: 28.10m to 54.00m	1	25.90	0.90		23.31			
From Kogilu Main Rd								
RHS								
Ch: 0.00m to 30.00m	1	30.00	0.75		22.50			
Ch: 30.00m to 60.00m	1	30.00	0.75		22.50			
Ch: 60.00m to 65.80m	1	5.50	0.75		4.13			
Road-1								
RHS								
Ch: 0.00m to 15.50m	1	15.50	0.90		13.95			
Ch: 15.50m to 17.40m	1	1.90	0.90		1.71			
Ch: 17.40m to 34.00m	1	16.60	0.90		14.94			
LHS								
Ch: 0.00m to 28.00m	1	28.00	0.90		25.20			
Ch: 28.00m to 29.80m	1	1.80	0.90		1.62			
Ch: 29.80m to 34.10m	1	4.30	0.90		3.87			
Road-2								
LHS								
Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
Ch: 30.00m to 38.50m	1	8.50	0.90		7.65			
Ch: 38.50m to 52.00m	1	13.50	0.75		10.13			
Ch: 52.00m to 82.00m	1	30.00	0.90		27.00			
Ch: 82.00m to 105.00m	1	23.00	0.90		20.70			
RHS								
Ch: 0.00m to 28.00m	1	28.00	0.90		25.20			
Culvert		5.00						
Ch: 28.00m to 35.00m	1	7.00	0.90		6.30			
House Gap		9.50						
Ch: 35.00m to 48.10m	1	13.10	0.90		11.79			
Rd Gap		7.50						
Ch: 48.10m to 52.60m	1	4.50	0.90		4.05			
Ch: 52.60m to 70.00m	1	17.40	0.90		15.66			
Ch: 70.00m to 72.50m	1	2.50	0.90		2.25			
Ch: 72.50m to 75.70m	1	3.20	0.90		2.88			
Ch: 75.70m to 83.80m	1	8.10	0.90		7.29			
Rd Gap		5.50						
Ch: 83.80m to 97.30m	1	13.50	0.90		12.15			
Road-3								
RHS								
Ch: 0.00m to 22.50m	1	22.50	0.75		16.88			

NEWZEN CONSULTANT ★ K.R ★ Bangalore

Consultant

Asst. Engineer
3/9/2021

Asst. Exec. Engineer
3/9/2021

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Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Ch: 32.50m to 32.10m	1	9.60	0.75		7.20			
Ch: 32.10m to 44.10m	1	12.00	0.75		9.00			
Ch: 44.10m to 45.70m	1	1.60	0.75		1.20			
Ch: 45.70m to 49.30m	1	3.60	0.75		2.70			
LHS								
Ch: 0.00m to 5.10m	1	5.10	0.75		3.83			
		0.90						
Ch: 5.10m to 7.00m	1	1.90	0.75		1.43			
		0.90						
Ch: 7.00m to 37.00m	1	30.00	0.75		22.50			
Ch: 37.00m to 39.40m	1	2.40	0.75		1.80			
Ch: 39.40m to 47.60m	1	8.20	0.75		6.15			
Road-4								
LHS								
Ch: 0.00m to 30.00m	1	30.00	0.75		22.50			
Ch: 30.00m to 55.50m	1	25.50	0.75		19.13			
RHS From End								
Ch: 0.00m to 30.00m	1	30.00	0.75		22.50			
Ch: 30.00m to 43.60m	1	13.60	0.75		10.20			
Road-5								
LHS								
Ch: 0.00m to 30.00m	1	30.00	0.75		22.50			
Ch: 30.00m to 57.00m	1	27.00	0.75		20.25			
RHS From End								
Ch: 0.00m to 23.70m	1	23.70	0.75		17.78			
House Gap		11.70						
Ch: 23.70m to 47.70m	1	24.00	0.75		18.00			
Road-6								
RHS								
Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
Ch: 30.00m to 52.70m	1	22.70	0.90		20.43			
Bande Rd								
RHS From End								
Culvert		6.80						
Ch: 0.00m to 19.50m	1	19.50	0.90		17.55			
Culvert		6.50						
Ch: 19.50m to 49.50m	1	30.00	0.90		27.00			
Ch: 49.50m to 51.05m	1	1.55	0.90		1.40			
Ch: 51.05m to 58.45m		7.40						
Ch: 58.45m to 83.25m	1	24.80	0.90		22.32			
Ch: 83.25m to 90.85m		7.60						

NEWZEN CONSULTANT Bangalore

Consultant

Asst. Engineer
3/9/2021

Asst. Exec. Engineer
3/9/2021

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Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Ch: 90.85m to 109.50m	1	18.65	0.90		16.79			
Ch: 109.50m to 139.50m	1	30.00	0.90		27.00			
Ch: 139.50m to 169.50m	1	30.00	0.90		27.00			
Ch: 169.50m to 199.50m	1	30.00	0.90		27.00			
Ch: 199.50m to 229.50m	1	30.00	0.90		27.00			
Ch: 229.50m to 245.20m	1	15.70	0.90		14.13			
Culvert		8.90						
Ch: 245.20m to 275.20m	1	30.00	0.90		27.00			
Ch: 275.20m to 305.20m	1	30.00	0.90		27.00			
Ch: 305.20m to 335.20m	1	30.00	0.90		27.00			
Ch: 335.20m to 365.20m	1	30.00	0.90		27.00			
Ch: 365.20m to 395.20m	1	30.00	0.90		27.00			
Ch: 395.20m to 425.20m	1	30.00	0.90		27.00			
Ch: 425.20m to 434.80m	1	9.60	0.90		8.64			
Culvert		5.80						
Ch: 434.80m to 454.60m	1	19.80	0.90		17.82			
Culvert		11.60						
Ch: 454.60m to 465.80m	1	11.20	0.90		10.08			
Culvert		8.10						
Ch: 465.80m to 495.80m	1	30.00	0.90		27.00			
Ch: 495.80m to 496.80m	1	1.00	0.90		0.90			
Culvert		7.60						
Ch: 496.80m to 526.80m	1	30.00	0.90		27.00			
Ch: 526.80m to 556.80m	1	30.00	0.90		27.00			
Ch: 556.80m to 586.80m	1	30.00	0.90		27.00			
Ch: 586.80m to 608.80m	1	22.00	0.90		19.80			
Culvert		6.30						
Ch: 608.80m to 621.20m	1	12.40	0.90		11.16			
Vishwavani Nagara								
1st Cross Rd								
RHS from Main Rd								
Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
Ch: 30.00m to 60.00m	1	30.00	0.90		27.00			
Ch: 60.00m to 90.00m	1	30.00	0.90		27.00			
Ch: 90.00m to 108.40m	1	18.40	0.90		16.56			
Culvert		4.30						
LHS								
Ch: 108.40m to 118.10m	1	9.70	0.75		7.28			
Ch: 118.10m to 148.10m	1	30.00	0.75		22.50			
Ch: 148.10m to 178.10m	1	30.00	0.75		22.50			
Ch: 178.10m to 193.50m	1	15.40	0.75		11.55			

ntractor

NEWZEN CONSULTANT Bangalore

Consultant

Asst. Engineer
3/9/2021

Asst. Exec. Engineer
3/9/2021

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Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
2nd Cross Rd								
LHS from Main Rd								
Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
Ch: 30.00m to 60.00m	1	30.00	0.90		27.00			
Ch: 60.00m to 90.00m	1	30.00	0.90		27.00			
Ch: 90.00m to 116.50m	1	26.50	0.90		23.85			
Culvert		3.15						
RHS								
Ch: 116.50m to 135.70m	1	19.20	0.90		17.28			
Ch: 135.70m to 165.70m	1	30.00	0.90		27.00			
Ch: 165.70m to 181.10m	1	15.40	0.90		13.86			
Culvert		3.80						
Ch: 181.10m to 204.90m	1	23.80	0.90		21.42			
Culvert		4.40						
Ch: 204.90m to 216.30m	1	11.40	0.90		10.26			4681129.0
				Present Qty	**1908.03**	**Sqm**	**2453.38**	**4681127.60**

Contractor

NEWZEN CONSULTANTS Bangalore

Consultant

Asst. Engineer
3/9/21

Asst. Exec. Engineer
3/9/2024

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Name Of Work: **Improvements and Developments to Shivanahalli village surrounding area in Ward No.01 Yelahanka Constituency**

Detailed Measurements

Measurement Recorded On:

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation								
Culvert Covering Slab								
Matru Layout								
	1	7.60	1.20		9.12			
	1	6.00	1.20		7.20			
Road-2								
	1	5.00	1.20		6.00			
Bande Rd								
	1	6.80	1.20		8.16			
	1	6.50	1.20		7.80			
	1	7.40	1.20		8.88			
	1	7.60	1.20		9.12			
	1	8.90	1.20		10.68			
	1	5.80	1.20		6.96			
		11.60						
	1	8.10	1.20		9.72			
	1	7.60	1.20		9.12			
	1	6.30	1.20		7.56			
Vishwavani Nagara								
1st Cross Rd	1	4.30	1.20		5.16			
2nd Cross Rd	1	3.15	1.20		3.78			
	1	3.80	1.20		4.56			
	1	4.40	1.20		5.28			
				Present Qty	**119.10**	**Sqm**	**5687.82**	**677418.93**

Contractor

NEWZEN CONSULTANTS Bangalore

Consultant

Asst. Engineer

3/9/21

Asst. Exec. Engineer

3/9/2021

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Work: **Improvements and Developments to Shivanahalli village surrounding area in Ward No.01 Yelahanka Constituency**

Detailed Measurements

Recorded On:

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per								
Asphalt Road								
Shivanahalli								
Bande Road								
Ch: 0.00m to 30.00m	1	30.00	$\frac{6.10 + 6.75}{2}$	0.04	7.71			
Ch: 30.00m to 60.00m	1	30.00	$\frac{6.75 + 8.90}{2}$	0.04	9.39			
Ch: 60.00m to 90.00m	1	30.00	$\frac{8.90 + 9.50}{2}$	0.04	11.04			
Ch: 90.00m to 120.00m	1	30.00	$\frac{9.50 + 9.90}{2}$	0.04	11.64			
Ch: 120.00m to 150.00m	1	30.00	$\frac{9.90 + 9.30}{2}$	0.04	11.52			
Ch: 150.00m to 180.00m	1	30.00	$\frac{9.30 + 10.00}{2}$	0.04	11.58			
Ch: 180.00m to 188.00m	1	8.00	$\frac{10.00 + 11.30}{2}$	0.04	3.41			
Ch: 188.00m to 218.00m	1	30.00	$\frac{11.30 + 8.50}{2}$	0.04	11.88			
Ch: 218.00m to 229.70m	1	11.70	$\frac{8.50 + 9.20}{2}$	0.04	4.14			
Ch: 229.70m to 259.70m	1	30.00	$\frac{9.20 + 8.40}{2}$	0.04	10.56			
Ch: 259.70m to 276.50m	1	16.80	$\frac{8.40 + 10.30}{2}$	0.04	6.28			
Ch: 276.50m to 306.50m	1	30.00	$\frac{10.30 + 8.20}{2}$	0.04	11.10			
Ch: 306.50m to 336.50m	1	30.00	$\frac{8.20 + 8.40}{2}$	0.04	9.96			
Ch: 336.50m to 366.50m	1	30.00	$\frac{8.40 + 7.40}{2}$	0.04	9.48			
Ch: 366.50m to 381.50m	1	15.00	$\frac{7.40 + 7.80}{2}$	0.04	4.56			
Ch: 381.50m to 411.50m	1	30.00	$\frac{7.80 + 7.20}{2}$	0.04	9.00			

Contractor

NEWZEN CONSULTANTS Bengaluru — Consultant

Asst. Engineer 3/9/2021

Asst. Exec. Engineer 3/9/2021

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 411.50m to 441.50m	1	30.00	(7.20 + 7.30)/2	0.04	8.70			
	Ch: 441.50m to 471.50m	1	30.00	(7.30 + 7.25)/2	0.04	8.73			
	Ch: 471.50m to 501.50m	1	30.00	(7.25 + 6.50)/2	0.04	8.25			
	Ch: 501.50m to 531.50m	1	30.00	(6.50 + 7.60)/2	0.04	8.46			
	Ch: 531.50m to 561.50m	1	30.00	(7.60 + 8.00)/2	0.04	9.36			
	Ch: 561.50m to 591.50m	1	30.00	(8.00 + 6.90)/2	0.04	8.94			
	Ch: 591.50m to 621.50m	1	30.00	(6.90 + 7.00)/2	0.04	8.34			
	Ch: 621.50m to 651.50m	1	30.00	(7.00 + 7.10)/2	0.04	8.46			
	Ch: 651.50m to 667.20m	1	15.70	(7.10 + 6.40)/2	0.04	4.24			
	Millinium School Beside Road								
	Ch: 0.00m to 30.00m	1	30.00	(6.20 + 6.10)/2	0.04	7.38			
	Ch: 30.00m to 60.00m	1	30.00	(6.10 + 6.10)/2	0.04	7.32			
	Ch: 60.00m to 90.00m	1	30.00	(6.10 + 6.25)/2	0.04	7.41			
	Ch: 90.00m to 120.00m	1	30.00	(6.25 + 5.80)/2	0.04	7.23			
	Ch: 120.00m to 123.70m	1	3.70	(5.80 + 5.90)/2	0.04	0.87			
	Ch: 123.70m to 153.70m	1	30.00	(5.50 + 5.90)/2	0.04	6.84			
	Ch: 153.70m to 183.70m	1	30.00	(5.90 + 6.10)/2	0.04	7.20			
	Ch: 183.70m to 187.50m	1	3.80	(6.10 + 5.90)/2	0.04	0.91			
	Petrol Bunk Beside Rd from last								
	Ch: 0.00m to 30.00m	1	30.00	(7.30 + 6.70)/2	0.04	8.40			
	Ch: 30.00m to 57.00m	1	27.00	(6.70 + 6.65)/2	0.04	7.21			
	Ch: 57.00m to 87.00m	1	30.00	(6.65 + 6.35)/2	0.04	7.80			

NEWZEN CONSULTANT * Bangalore

Consultant

Asst. Engineer

3/9/2021

Asst. Exec. Engine

3/9/2021

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 87.00m to 117.00m	1	30.00	(6.35 + 6.30)/2	0.04	7.59			
	Ch: 117.00m to 147.00m	1	30.00	(6.30 + 6.00)/2	0.04	7.38			
	Ch: 147.00m to 177.00m	1	30.00	(6.00 + 6.20)/2	0.04	7.32			
	Ch: 177.00m to 207.00m	1	30.00	(6.20 + 6.70)/2	0.04	7.74			
	Ch: 207.00m to 228.10m	1	21.10	(6.70 + 6.70)/2	0.04	5.65			
	Cross Rd-1 From End								
	Ch: 0.00m to 30.00m	1	30.00	(4.60 + 4.90)/2	0.04	5.70			
	Ch: 30.00m to 60.00m	1	30.00	(4.90 + 4.40)/2	0.04	5.58			
	Ch: 60.00m to 90.00m	1	30.00	(4.40 + 5.55)/2	0.04	5.97			
	Ch: 90.00m to 120.00m	1	30.00	(5.55 + 5.35)/2	0.04	6.54			
	Ch: 120.00m to 150.00m	1	30.00	(5.35 + 5.30)/2	0.04	6.39			
	Ch: 150.00m to 174.10m	1	24.10	(5.30 + 5.55)/2	0.04	5.23			
	Continued								
	Ch: 174.10m to 204.10m	1	30.00	(6.50 + 6.60)/2	0.04	7.86			
	Ch: 204.10m to 206.10m	1	2.00	(6.60 + 6.70)/2	0.04	0.53			
	Deduct Man Holes	-15		1.00	0.04	-0.60			
					Present Qty	**364.19**	**Cum**	**7913.04**	**2881811.20**

Chd. & f.C.

EE

NEWZEN CONSULTANTS Bangalore

Consultant

Asst. Engineer

3/9/21

Asst. Exec. Engineer

3/9/2021

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Name Of Work:Improvements and Developments to Shivanahalli village surrounding area in Ward No.01 Yelahanka Constituency

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
14	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications								
	Shivanahalli								
	Bande Road								
	Ch: 0.00m to 30.00m	2.5	30.00	0.10		7.50			
	Ch: 30.00m to 60.00m	2.5	30.00	0.10		7.50			
	Ch: 60.00m to 90.00m	2.5	30.00	0.10		7.50			
	Ch: 90.00m to 120.00m	2.5	30.00	0.10		7.50			
	Ch: 120.00m to 150.00m	2.5	30.00	0.10		7.50			
	Ch: 150.00m to 180.00m	2.5	30.00	0.10		7.50			
	Ch: 180.00m to 188.00m	2.5	8.00	0.10		2.00			
	Ch: 188.00m to 218.00m	2.5	30.00	0.10		7.50			
	Ch: 218.00m to 229.70m	2.5	11.70	0.10		2.93			
	Ch: 229.70m to 259.70m	2.5	30.00	0.10		7.50			
	Ch: 259.70m to 276.50m	2.5	16.80	0.10		4.20			
	Ch: 276.50m to 306.50m	2.5	30.00	0.10		7.50			
	Ch: 306.50m to 336.50m	2.5	30.00	0.10		7.50			
	Ch: 336.50m to 366.50m	2.5	30.00	0.10		7.50			
	Ch: 366.50m to 381.50m	2.5	15.00	0.10		3.75			
	Ch: 381.50m to 411.50m	2.5	30.00	0.10		7.50			
	Ch: 411.50m to 441.50m	2.5	30.00	0.10		7.50			
	Ch: 441.50m to 471.50m	2.5	30.00	0.10		7.50			
	Ch: 471.50m to 501.50m	2.5	30.00	0.10		7.50			
	Ch: 501.50m to 531.50m	2.5	30.00	0.10		7.50			
	Ch: 531.50m to 561.50m	2.5	30.00	0.10		7.50			
	Ch: 561.50m to 591.50m	2.5	30.00	0.10		7.50			
	Ch: 591.50m to 621.50m	2.5	30.00	0.10		7.50			
	Ch: 621.50m to 651.50m	2.5	30.00	0.10		7.50			
	Ch: 651.50m to 667.20m	2.5	15.70	0.10		3.93			
	Millinium School Beside Road								
	Ch: 0.00m to 30.00m	2	30.00	0.10		6.00			
	Ch: 30.00m to 60.00m	2	30.00	0.10		6.00			
	Ch: 60.00m to 90.00m	2	30.00	0.10		6.00			
	Ch: 90.00m to 120.00m	2	30.00	0.10		6.00			

Contractor

NEWZEN CONSULTANT Bangalore — Consultant

Asst. Engineer
3/9/2021

Asst. Exec. Engineer
3/9/2021

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Name of Work: Improvements and Developments to Shivanahalli village surrounding area in Ward No.01 Yelahanka Constituency

Detailed Measurements

Measurement Recorded On:

Sl. No.	Description of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Cement concrete pavement Construction of un-reinforced plain cement concrete pavement, Thickness as per design, over a prepared sub base with 53 grade cement or any other type as per clause 1501.2.2 M30 (Grade) coarse and fine aggregate conforming to IS: 383 maximum size of coarse aggregate not exceeding 25mm .								
	C/R: Road								
	Shivanahalli								
	Road-1 from end								
	Ch: 0.00m to 30.00m	1	30.00	(5.50 + 5.50)/2	0.15	25.65			
	Ch: 30.00m to 34.00m	1	4.00	(5.50 + 5.40)/2	0.15	3.27			
	Road-2 from end								
	Ch: 0.00m to 30.00m	1	30.00	(5.70 + 5.70)/2	0.15	25.65			
	Ch: 30.00m to 60.00m	1	30.00	(5.70 + 5.60)/2	0.15	25.43			
	Ch: 60.00m to 90.00m	1	30.00	(5.60 + 5.30)/2	0.15	24.53			
	Ch: 90.00m to 93.00m	1	3.00	(5.30 + 4.40)/2	0.15	2.18			
	Ch: 93.00m to 107.00m	1	14.00	(4.40 + 4.40)/2	0.15	9.24			
	Road-3 from rd-2								
	Ch: 0.00m to 30.00m	1	30.00	(4.70 + 4.40)/2	0.15	20.48			
	Ch: 30.00m to 49.50m	1	19.50	(4.40 + 4.40)/2	0.15	12.87			
	Road-4 from main Rd								
	Ch: 0.00m to 30.00m	1	30.00	(5.75 + 5.60)/2	0.15	25.54			
	Ch: 30.00m to 51.70m	1	21.70	(5.60 + 6.00)/2	0.15	18.88			
	Ch: 51.70m to 55.00m	1	3.30	(4.40 + 4.40)/2	0.15	2.18			
	Road-5 from main Rd								
	Ch: 0.00m to 30.00m	1	30.00	(6.00 + 5.10)/2	0.15	24.98			
	Ch: 30.00m to 57.00m	1	27.00	(5.10 + 5.70)/2	0.15	21.87			
	Ch: 57.00m to 59.20m	1	2.20	(4.80 + 4.80)/2	0.15	1.58			

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Description of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Road-6 from main Rd								
Ch: 0.00m to 30.00m	1	30.00	$\frac{4.50 + 4.50}{2}$	0.15	20.25			
Ch: 30.00m to 44.20m	1	14.20	$\frac{4.50 + 3.90}{2}$	0.15	8.95			
Ch: 44.20m to 52.70m	1	8.50	$\frac{3.50 + 2.70}{2}$	0.15	3.95			
Road-7								
Ch: 0.00m to 14.00m	1	14.00	$\frac{6.70 + 6.20}{2}$	0.15	13.55			
Ch: 14.00m to 44.00m	1	30.00	$\frac{6.20 + 5.40}{2}$	0.15	26.10			
Ch: 44.00m to 74.00m	1	30.00	$\frac{5.40 + 5.20}{2}$	0.15	23.85			
Ch: 74.00m to 104.00m	1	30.00	$\frac{5.20 + 6.40}{2}$	0.15	26.10			
Ch: 104.00m to 134.00m	1	30.00	$\frac{6.40 + 6.40}{2}$	0.15	28.80			
Ch: 134.00m to 151.80m	1	17.80	$\frac{6.40 + 6.60}{2}$	0.15	17.36			
Continued								
Ch: 151.80m to 179.30m	1	27.50	$\frac{5.50 + 4.30}{2}$	0.15	20.21			
Road-8 from Rd-2								
Ch: 0.00m to 30.00m	1	30.00	$\frac{5.70 + 5.80}{2}$	0.15	25.88			
Ch: 30.00m to 60.00m	1	30.00	$\frac{5.80 + 5.20}{2}$	0.15	24.75			
Ch: 60.00m to 90.00m	1	30.00	$\frac{5.20 + 5.55}{2}$	0.15	24.19			
Ch: 90.00m to 114.50m	1	24.50	$\frac{5.55 + 5.40}{2}$	0.15	20.12			
Road-9 from Rd-8								
Ch: 0.00m to 30.00m	1	30.00	$\frac{5.55 + 5.00}{2}$	0.15	23.74			
Ch: 30.00m to 55.00m	1	25.00	$\frac{5.00 + 5.50}{2}$	0.15	19.69			
Road-10 from Rd-8								
Ch: 0.00m to 30.00m	1	30.00	$\frac{5.90 + 5.60}{2}$	0.15	25.88			
Ch: 30.00m to 56.50m	1	26.50	$\frac{5.60 + 5.00}{2}$	0.15	21.07			
Road-11 from Rd-8								
Ch: 0.00m to 30.00m	1	30.00	$\frac{5.25 + 5.50}{2}$	0.15	24.19			

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3/9/2021

Asst. Exec. Eng

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Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Ch: 30.00m to 56.00m	1	26.00	(5.50 + 5.50)/2	0.15	21.45			
Road-12(Palagiris house Rd) from rd-2								
Ch: 0.00m to 30.00m	1	30.00	(5.40 + 4.80)/2	0.15	22.95			
Ch: 30.00m to 58.70m	1	28.70	(4.80 + 3.80)/2	0.15	18.51			
Ch: 58.70m to 76.10m	1	17.40	(3.80 + 5.90)/2	0.15	12.66			
Sri Lakshmi Venkteshwara Nilaya								
Ch: 0.00m to 30.00m	1	30.00	(5.50 + 5.50)/2	0.15	24.75			
Ch: 30.00m to 51.00m	1	21.00	(5.50 + 5.50)/2	0.10	11.55			
Vishawavani Nagara 1st Cross Rd								
Ch: 0.00m to 30.00m	1	30.00	(5.50 + 4.60)/2	0.15	22.73			
Ch: 30.00m to 60.00m	1	30.00	(4.60 + 5.60)/2	0.15	22.95			
Ch: 60.00m to 90.00m	1	30.00	(5.60 + 5.70)/2	0.15	25.43			
Ch: 90.00m to 98.10m	1	8.10	(5.70 + 5.60)/2	0.15	6.86			
Ch: 98.10m to 108.30m	1	10.20	(5.60 + 5.90)/2	0.15	8.80			
Culvert Gap		1.20						
Ch: 108.30m to 122.80m	1	14.50	(4.20 + 5.60)/2	0.15	10.66			
Ch: 122.80m to 152.80m	1	30.00	(5.20 + 5.20)/2	0.15	23.40			
Ch: 152.80m to 182.80m	1	30.00	(5.20 + 4.60)/2	0.15	22.05			
Ch: 182.80m to 197.90m	1	15.10	(4.60 + 4.75)/2	0.15	10.59			
Front Of # B26 House								
Ch: 0.00m to 6.50m	1	6.50	(9.00 + 3.60)/2	0.15	6.14			
Ch: 6.50m to 18.50m	1	12.00	(3.60 + 2.40)/2	0.15	5.40			
2nd Cross Rd								
Ch: 0.00m to 18.90m	1	18.90	(3.00 + 4.20)/2	0.15	10.21			
Ch: 18.90m to 48.90m	1	30.00	(7.80 + 5.80)/2	0.15	30.60			

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Asst. Engineer
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Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Ch 48.90m to 78.90m	1	30.00	5.80 + 4.80 / 2	0.15	23.85			
Ch 78.90m to 90.20m	1	11.30	4.80 + 3.25 / 2	0.15	6.82			
Ch 90.20m to 107.60m	1	17.40	3.20 + 2.80 / 2	0.15	7.83			
Deduct Man Holes	-20		1.00	0.15	-3.00			
				Present Qty	**996.09**	**Cum**		
				Upto 125%	**698.29**	**Cum**	**5470.47**	**3819957.89**
				Above 125%	**297.80**	**Cum**	**1028.20**	**306200.14**
						Total		**43953776.72**
						GST 12%		**5274453.21**
						Grand Total		**49228229.93**

Asst. Engineer
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